to the non-fusion vector with a polylinker carrying the EcoRI site,

isolating a full-length Gc cDNA with EcoRI termini,

digesting the cDNA for Gc protein with EcoRI enzyme, and

ligating with a ligase to produce a construct to express the Gcprotein.

22 ~~2~~. A process for producing a cloned macrophage activating factor (GcMAFc) comprising contacting cloned Gc protein a molecular weight of approximately 52,000, approximately 458 amino acids and 3 distinct domains in vitro with immobilized beta-galactosidase and sialidase and obtaining the cloned macrophage activating factor (GcMAFc).

23 ~~3~~. A process for producing a cloned macrophage activating factor (GcMAFc) made in accordance with the process of claim 1 comprising contacting cloned Gc protein in vitro with immobilized beta-galactosidase and sialidase and obtaining the cloned macrophage activating factor (GcMAFc).--

The Commissioner of Patents is hereby authorized to charge any fees which may be required, and to credit any overpayment to Account No. 03-0075. A duplicate copy of this sheet is enclosed.

Enclosed is a copy of the prior application, including the Declaration as originally filed.

Respectfully submitted,

CAESAR, RIVISE, BERNSTEIN,
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By______________________________

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